

Mouse sL-Selectin ELISA Kit | SELL elisa kit

Mouse sL-Selectin PicoKine Fast ELISA Kit

CATALOG #
AAA125329

REACTIVITY
Mouse

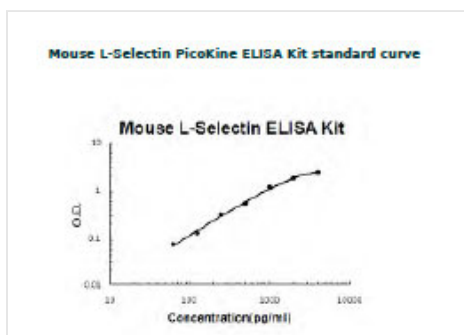
PRODUCT SYNONYMS

sL-Selectin; Mouse sL-Selectin PicoKine Fast ELISA Kit; Mouse L-Selectin; selectin L; L-selectin; Sell; SELL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Sell
Sequence Length	336
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, edta)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<5pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Principle of the Assay: The Picokine™ Mouse Sell Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Sell with a 96-well strip plate that is pre-coated with antibody specific for Sell. The detection antibody is a biotinylated antibody specific for Sell. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse Sell with immunogen: Expression system for standard: NSO; Immunogen sequence: W39-N332. The kit is analytically validated with ready to use reagents. To measure Mouse Sell, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Sell in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Sell in the sample. Background/Introduction: L-selectin, also known as CD62L, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. It is cleaved by ADAM17. SELL(L-selectin) is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins. L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	123789780
NCBI GeneID	20343
UniProt Accession #	Q3TCF3; P18337
NCBI Official Full Name	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched library, clone:F630118J02 product:selectin, lymphocyte, full insert sequence
NCBI Official Synonym Full Names	selectin, lymphocyte
NCBI Official Symbol	Sell
NCBI Official Synonym Symbols	Lnhr; CD62L; Ly-22; Lyam1; Ly-m22; Lyam-1; LECAM-1; AI528707; L-selectin
NCBI Protein Information	L-selectin
UniProt Protein Name	L-selectin
UniProt Gene Name	Sell
UniProt Entry Name	Q3TCF3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.